Sixth International Conference on
Computability and Complexity in Analysis
August 18-22, 2009, Ljubljana, Slovenia

Scientific Programme Committee

- **Andrej Bauer** (Ljubljana, Slovenia)
- **Vasco Brattka** (Cape Town, South Africa)
- **Mark Braverman** (Cambridge, USA)
- **Pieter Collins** (Amsterdam, The Netherlands)
- **Peter Hertling**, co-chair (Munich, Germany)
- **Hajime Ishihara** (Ishikawa, Japan)
- **Ker-I Ko**, co-chair (Stony Brook, USA)
- **Robert Rettinger** (Hagen, Germany)
- **Victor Selivanov** (Novosibirsk, Russia)
- **Alex Simpson** (Edinburgh, UK)
- **Dieter Spreen** (Siegen, Germany)
- **Frank Stephan** (Singapore)
- **Xizhong Zheng** (Glenside, USA)

Topics

- Computable analysis
- Complexity on real numbers
- Constructive analysis
- Domain theory and analysis
- Theory of representations
- Computable numbers, subsets and functions
- Randomness and computable measure theory
- Models of computability on real numbers
- Realizability theory and analysis
- Real number algorithms
- Implementation of exact real number arithmetic

Information

- http://cca-net.de/cca2009/

Invited Speakers

- **Mark Braverman** (Cambridge, USA)
- **Vladik Kreinovich** (El Paso, USA)
- **Dana Scott** (Pittsburgh, USA)
- **Ning Zhong** (Cincinnati, USA)

Tutorials

- **Martín Escardó** (Birmingham, UK)
- **Bas Spitters** and **Russell O'Connor** (Eindhoven, The Netherlands)

Organizing Committee

- **Andrej Bauer**, chair
- **Iztok Kavkler**
- **Davorin Lešnik**
- **Matija Pretnar**

Faculty of Mathematics and Physics
University of Ljubljana and
Institute of Mathematics, Physics and Mechanics

Submissions

Submission deadline: **May 11, 2009**
Notification of authors: **June 15, 2009**
Final version: **July 13, 2009**

University *of Ljubljana*
Faculty *of Mathematics and Physics*